










# **VALLEY VISION PRIORITY DEVELOPMENT AREAS AMHERST**

-  PVT Transit Stop
-  TDR Receiving Zone
-  Transit Oriented District
-  Lands Identified by Community for Development
-  43D Property
-  Proposed or Existing 40R District
-  Undeveloped Commercial or Industrial Land
-  Priority Development Area
-  NHESP Priority Habitat

Transit Stop - Pioneer Valley Transit Authority, 2010

TDR Receiving Zone - Transfer of Development Rights Overlay Districts, PVPC.

Transit Oriented District - One quarter mile buffer around proposed or existing bus and train stations or designated areas, PVPC, 2010.

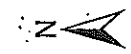
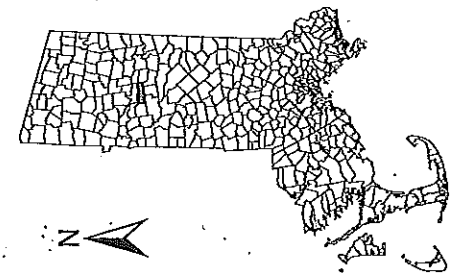
43D Property - Chapter 43D Expedited Permitting properties, Massachusetts Executive Office of Housing and Economic Development (EOHED), 2010

Proposed or Existing 40R Districts - Smart Growth Zoning Overlay Districts, adopted or proposed in conformance with M.G.L. Chapter 40R for mixed use and housing. Based on Chapter 40R, EOHED 2005.

Undeveloped Commercial or Industrial Land - PVPC, Valley Vision 2, 2005 with some modifications, 2010.

Priority Development Areas - PVPC, Valley Vision 2, 2005. An area of concentrated development, including a city, town or village center, an existing commercial district, highly suitable location for high-density or mixed use development as noted in a local plan, or an area adjacent to the previous that is within a 1/4 mile of public facilities, bus stops or commercial or retail areas.

NHESP Priority Habitat - Massachusetts Natural Heritage and Endangered Species Program, 2008.



0 0.5 1 Miles



# VALLEY VISION POTENTIAL RENEWABLE ENERGY **AMHERST**

Potential Solar Energy Sites (based on existing public buildings, landfills or industrial sites)

- College or University
- School
- Police Station
- Fire Station
- Post Office
- Town or City Hall
- Closed or Capped Landfill
- Industrial Land

Potential Wind Generation Areas (based on Wind Daily Mean Speed at 70 Meters)

| mph         | m/s       |
|-------------|-----------|
| 13.4 - 14.5 | 6.0 - 6.5 |
| 14.5 - 15.7 | 6.5 - 7.0 |
| 15.7 - 16.8 | 7.0 - 7.5 |
| 16.8 - 17.9 | 7.5 - 8.0 |
| 17.9 - 19.0 | 8.0 - 8.5 |
| > 19.0      | > 8.5     |

Potential Hydropower Area

- Dam with Hydroelectric Potential

Other Infrastructure

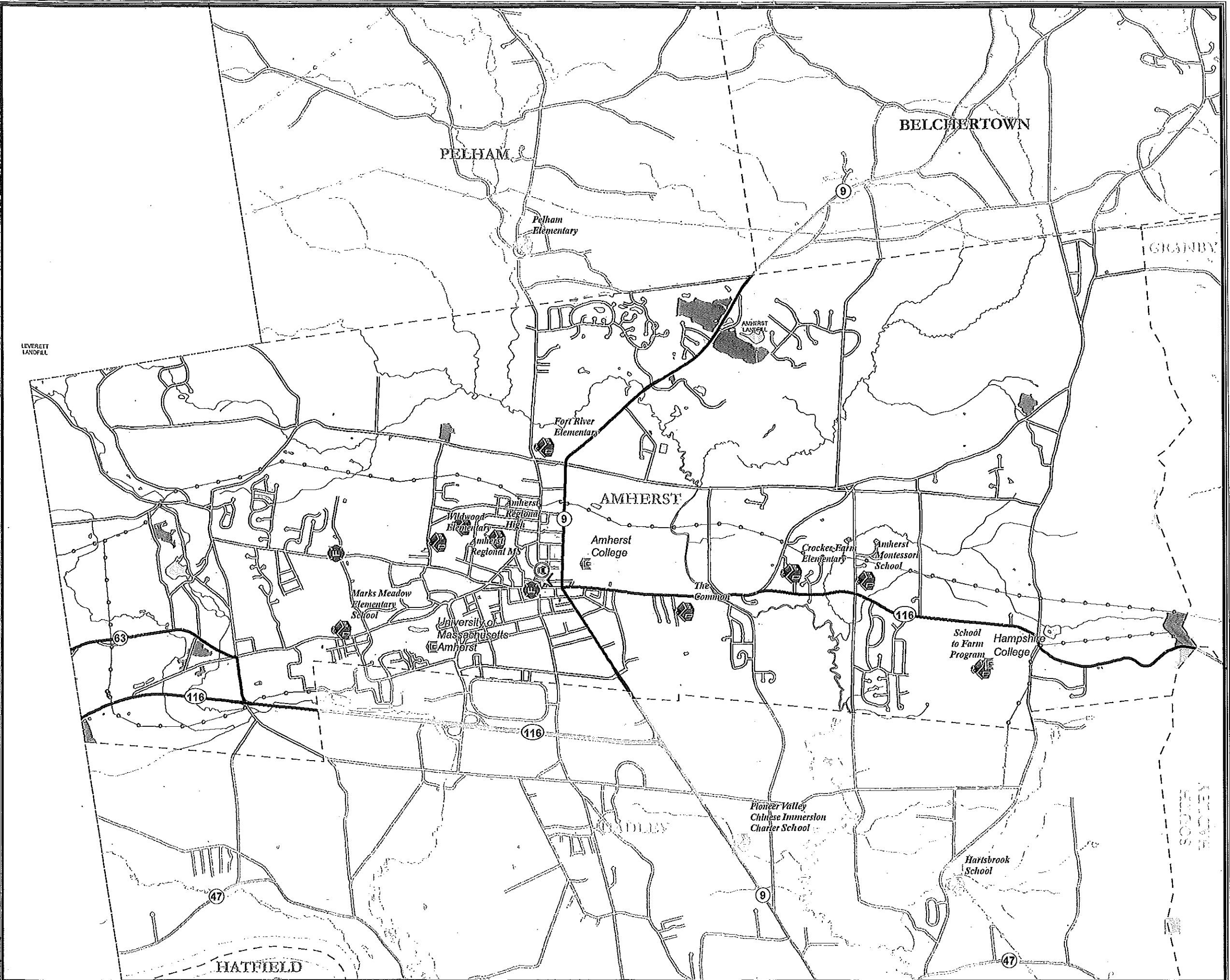
- Transmission Line

**BELCHERTOWN** Designated Green Community  
**GRANDY** Green Community Designation in Progress

Wind Data Source:  
Modeled Wind Speed Grids, Truewind Solutions, LLC and AWS Scientific, Inc. under a project funded by Connecticut Clean Energy, Massachusetts Technology Collaborative and Northeast Utilities System, 2002-2003 and distributed by MassGIS.  
Note: This data is very coarse (200 meters by 200 meters) and should be subject to field testing and verification.  
All other data is from Pioneer Valley Planning Commission and MassGIS.







0 0.5 1 Miles



# VALLEY VISION PRIORITY PROTECTION AREAS

## AMHERST

### Priority Protection Areas

-  NHESP Priority Habitat
-  TDR Sending Area
-  Protected Land
-  Land Suitable for Protected Openspace

NHESP Priority Habitat for Rare and Endangered Species, Massachusetts Department of Fish and Game, Natural Heritage and Endangered Species Program, Westborough, MA, October 2008.

TDR Sending Area, Transfer of Development Rights Programs, Pioneer Valley Planning Commission, various years.

Protected Land: Massachusetts Executive Office for Administration and Finance, Office of Geographic Information (MassGIS), Boston, MA, November 5, 2010.

Land suitable for protection:  
100 foot buffer of wetlands, steep slopes, flood plain outstanding resource watershed, public water supply watershed, or 100 foot buffer of rivers and streams, and active farmland. Pioneer Valley Planning Commission, "Valley Vision 2, The New Regional Land Use Plan for the Pioneer Valley", Springfield, MA, September 2007, modified December 2010.



0 0.5 1  
Miles

